

# Comparisons of Job Characteristics

Focus Occupation: **Cost Estimators (13-1051)**

Associated Occupation: **Purchasing Managers (11-3061)**

Compare Knowledge

Compare Skills

Compare Abilities

Compare Detailed Work Activities

Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 67

Focus Occupation: Cost Estimators (13-1051)

Associated Occupation: Purchasing Managers (11-3061)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Administration and Management	8.4	16.4	11.3	<<	Extensive education and/or training may be required
Production and Processing	6.0	15.1	9.3	<<	Extensive education and/or training may be required
Mathematics	9.2	13.6	19.0	>>	Current knowledge level is likely more than sufficient
Personnel and Human Resources	5.6	12.0	5.3	<<	Extensive education and/or training may be required
Law and Government	5.9	11.6	7.1	<<	Extensive education and/or training may be required
Transportation	4.6	11.5	6.0	<<	Extensive education and/or training may be required
Economics and Accounting	4.4	11.3	11.0	0	Current knowledge level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 78

Focus Occupation: Cost Estimators (13-1051)

Associated Occupation: Purchasing Managers (11-3061)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Coordination	9.1	14.2	9.7	<<	Extensive development of skills in this area may be required
Negotiation	6.8	13.6	8.5	<<	Extensive development of skills in this area may be required
Persuasion	7.4	13.6	10.1	<<	Extensive development of skills in this area may be required

Management of Personnel Resources	6.9	13.3	6.9	<<	Extensive development of skills in this area may be required
Social Perceptiveness	9.1	13.0	9.2	<<	Extensive development of skills in this area may be required
Time Management	8.9	12.5	9.2	<<	Extensive development of skills in this area may be required
Management of Financial Resources	3.3	12.3	11.9	0	Current skill level may be sufficient
Management of Material Resources	3.7	10.4	8.3	<	A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 96			
Focus Occupation: Cost Estimators (13-1051) Associated Occupation: Purchasing Managers (11-3061)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Deductive Reasoning	10.6	13.6	12.6	0	Current ability level may be sufficient
Written Expression	9.8	13.5	11.2	<	Some improvement in abilities may be required
Speech Recognition	9.9	12.9	11.4	<	Some improvement in abilities may be required
Fluency of Ideas	7.6	12.5	10.1	<	Some improvement in abilities may be required
Category Flexibility	9.0	11.2	10.4	0	Current ability level may be sufficient
Originality	7.6	11.1	8.5	<<	Extensive improvement in abilities may be required
Mathematical Reasoning	6.3	10.1	13.9	>>	Current ability level is likely more than sufficient
Number Facility	6.3	10.1	14.6	>>	Current ability level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 63
Focus Occupation: Cost Estimators (13-1051) Associated Occupation: Purchasing Managers (11-3061)		
Work Activities	Exclusivity of Activity	
Negotiate business contracts	60	
Use cost benefit analysis techniques	77	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 93

**Focus Occupation: Cost Estimators (13-1051)**

**Associated Occupation: Purchasing Managers (11-3061)**

Tools and Technologies	Exclusivity
Business function specific software	1
Computers	1
Content authoring and editing software	1
Data management and query software	1
Finance accounting and enterprise resource planning ERP software	2
Industry specific software	1
Information exchange software	1

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.